



101 Walnut Street PO Box 9151 Watertown, MA 02471 617.924.1770

Legend DRAIN MANHOLE

■ CATCH BASIN SEWER MANHOLE **E** ELECTRIC MANHOLE TELEPHONE MANHOLE

CLEANOUT HAND HOLE WATER VALVE 👰 FIRE HYDRANT

GM GAS VALVE GAS METER ■ BOLLARD w/LIGHT → STREET SIGN □ LIGHT POLE -O- UTILITY POLE

GUY POLE GUY WIRE LSA LANDSCAPED AREA — EDGE OF PAVEMENT CONCRETE CURB

BITUMINOUS CURB CHAIN LINK FENCE

12" HDPE

DRAINAGE LINE $-\frac{6^{"RD}}{--ROOF}$ — ROOF DRAIN ——— SS ——— **SEWER LINE** -OHW ---- OVERHEAD WIRE UNDERGROUND ELECTRIC TELEPHONE LINE

-----w ------ WATER LINE OOOOOO STONE WALL TREE LINE — — PROPERTY LINE

— G — GAS LINE

----- MINOR CONTOUR ---100--- MAJOR CONTOUR

SPOT ELEVATION 132.75 × TOP & BOTTOM OF WALL ELEVATION BUILDING

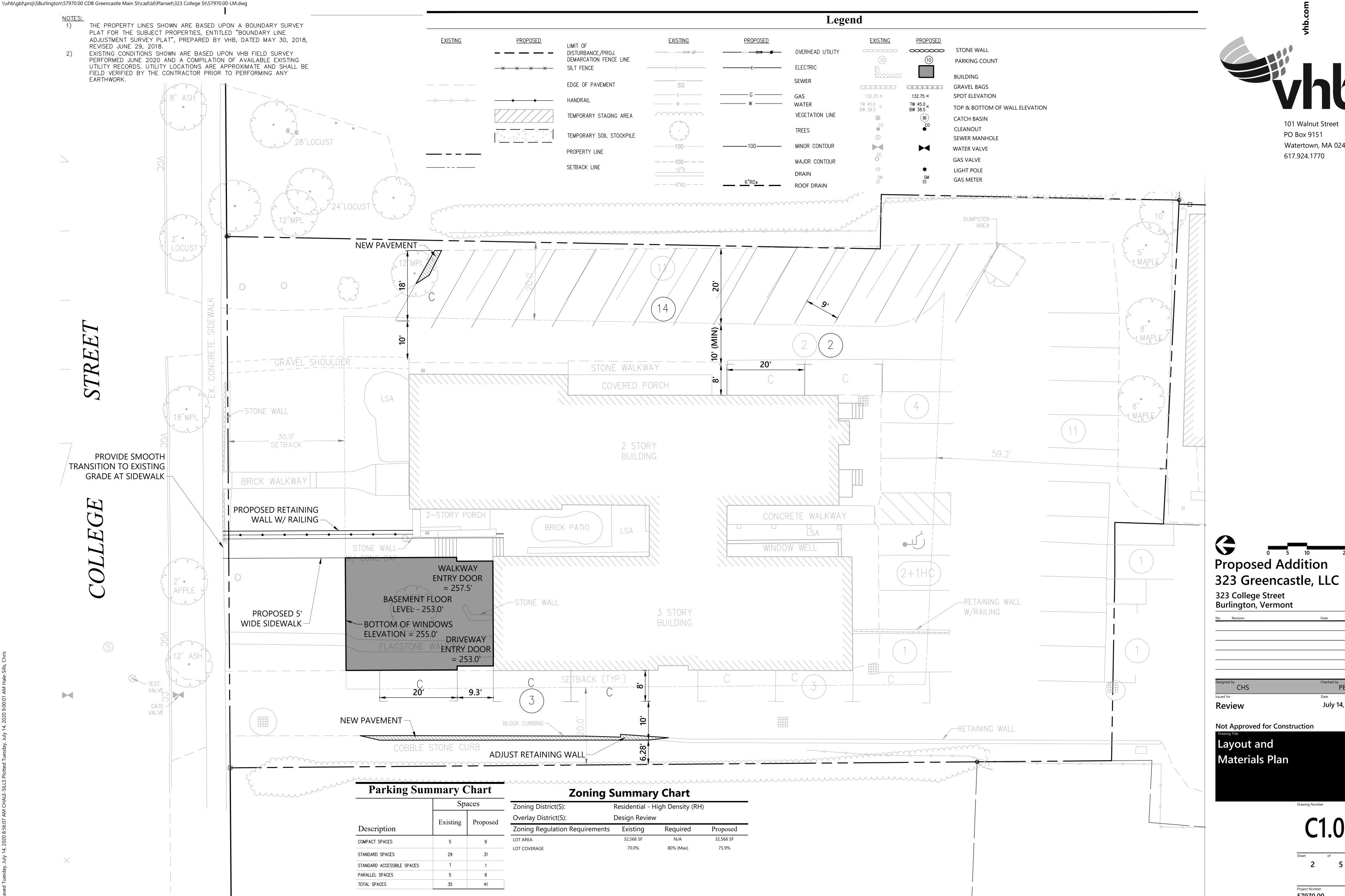
PARKING COUNT

323 Greencastle 323 College Street Burlington, Vermont

July 14, 2020 Review

Existing Conditions Plan of Land

57970.00

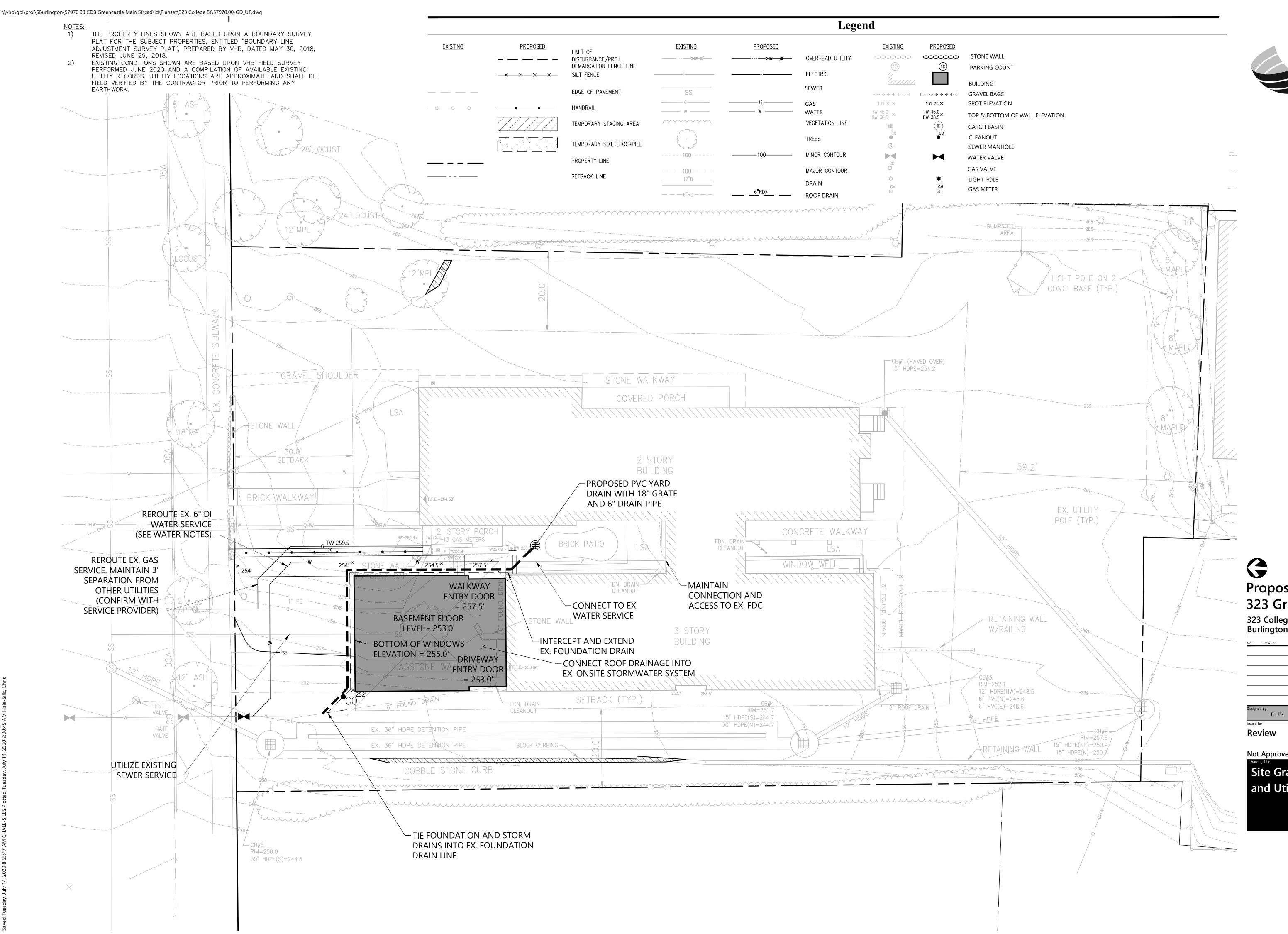


PO Box 9151 Watertown, MA 02471 617.924.1770

Proposed Addition

July 14, 2020

57970.00



Thb

101 Walnut Street
PO Box 9151
Watertown, MA 02471
617.924.1770

Proposed Addition
323 Greencastle, LLC

323 College Street Burlington, Vermont

Revision Suite Approx

CHS PBS

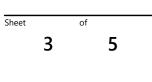
Issued for Date

Review July 14, 2020

Not Approved for Construction

Site Grading and Utility Plan

C2.0



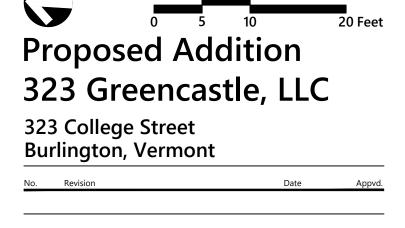
57970.00

EROSION CONTROL NOTES

- 1. CONTACT CITY OF BURLINGTON DPW STORMWATER ADMINISTRATOR AT LEAST 24 HOURS PRIOR TO START OF CONSTRUCTION ACTIVITY (802) 863-4501
- 2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CONDITIONS OF THE EPSC PLAN APPROVAL GRANTED BY THE CITY OF BURLINGTON DEPARTMENT OF PUBLIC WORKS.
- 3. INSTALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO EARTH DISTURBANCE. EROSION CONTROL MEASURES SHALL BE INSPECTED AND REPAIRED DAILY IN ORDER TO MINIMIZE THE DISCHARGE OF SEDIMENT TO THE CITY DRAINAGE SYSTEM. MAINTAIN SEDIMENT CONTROLS UNTIL SITE IS FULLY STABILIZED.
- 4. THE SITE, ACCESS POINTS TO THE PROJECT, AND NEARBY PORTIONS OF SURROUNDING CITY STREETS SHALL BE INSPECTED DAILY AND PRIOR TO FORECAST PRECIPITATION.
- 5. NO VEHICLE OR EQUIPMENT PARKING OR MATERIAL STAGING SHALL OCCUR WITHIN THE CITY ROW WITHOUT PERMISSION FROM THE CITY OF BURLINGTON DEPARTMENT OF PUBLIC WORKS.
- 6. THE NEW AND EXISTING STORMWATER DRAINAGE SYSTEM SHALL BE FREE FROM SEDIMENT AND CONSTRUCTION DEBRIS AT THE COMPLETION OF CONSTRUCTION, AND PRIOR TO TRANSFER OF THE SITE TO THE OWNER.
- 7. DISTURBED AREAS SHALL BE STABILIZED WITH TOPSOIL, SEED AND MULCH, STONE, CONCRETE, PAVEMENT, OR OTHER APPROVED MEANS WITHIN 14 DAYS OF INITIAL DISTURBANCE.
- 8. SILT FENCE OR OTHER APPROVED SILT BARRIER SHALL BE INSTALLED AT THE DOWNSLOPE PERIMETER OF ALL SOILS STOCKPILES.
- 9. THE CONTRACTOR SHALL TAKE ALL REASONABLE MEANS NECESSARY TO KEEP THE NEW STORMWATER SYSTEM FREE OF SEDIMENT AND DEBRIS DURING THE CONSTRUCTION PERIOD. DO NOT ALLOW RUNOFF FROM DISTURBED AREAS TO DRAIN THESE FEATURES UNTIL THEY HAVE RECEIVED FINAL STABILIZATION.
- 10. DURING THE WINTER CONSTRUCTION PERIOD FROM NOVEMBER 1 TO APRIL 15, ANY NEW DISTURBANCE MUST BE TEMPORARILY OR PERMANENTLY STABILIZED (MULCHING, EROSION CONTROL MATTING, OR TARPS FOR STOCKPILES, OR OTHER APPROVED METHOD) WILL OCCUR AT THE END OF EACH WORK DAY UNLESS: -EARTHWORK IS TO CONTINUE IN THE AREA WITHIN THE NEXT 24 HOURS, AND THERE IS NO LIQUID PRECIPITATION FORECAST FOR THE NEXT 24 HOURS, OR
 -IF WORK IS OCCURRING IN A SELF-CONTAINED EXCAVATION (NO OUTLET) WITH A DEPTH OF 2 FEET OR GREATER (E.G. HOUSE FOUNDATION EXCAVATION OR UTILITY TRENCHES)



101 Walnut Street PO Box 9151 Watertown, MA 02471 617.924.1770



CHS Review July 14, 2020

Not Approved for Construction

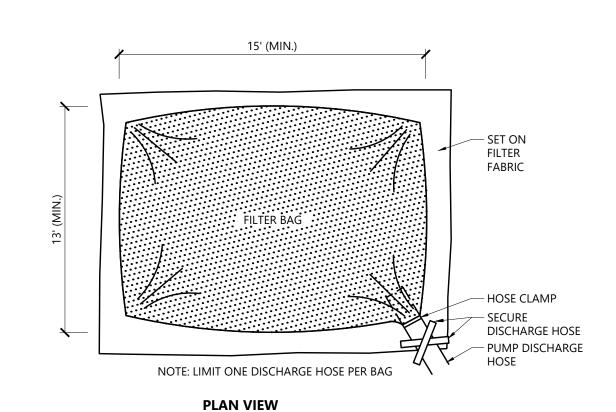
Erosion and Sediment Control Plan





- 1. BARRIER MESH TAPE SHALL BE INSTALLED ALONG THE PERIMETER OF THE PROJECT AREA TO DEMARCATE THE LIMIT OF DISTURBANCE. NO EARTHWORK OR STORAGE OF MATERIALS SHALL BE CONDUCTED BEYOND THIS LIMIT WITHOUT PRIOR APPROVAL FROM THE OSPC.
- 2. USE 3" ORANGE BARRIER MESH TAPE.
- 3. TAPE OR ROPE MAY BE FASTENED TO STAKES, TREES, OR OTHER APPROPRIATE FIXED OBJECTS.
- 4. PROJECT DEMARCATION SHALL NOT CROSS ACTIVE ACCESS ROUTES (E.G. ROADS).
- 5. PROJECT DEMARCATION SHALL REMAIN IN PLACE AND BE MAINTAINED/REPLACED AS NEEDED UNTIL FINAL STABILIZATION IN THE AREA HAS BEEN ACHIEVED.

Barrier Mesh Tape or Rope		08/16
N.T.S.	Source: VHB	REV LD_VT

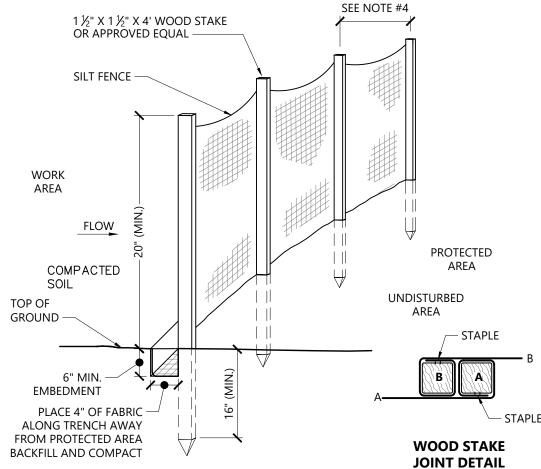


- NON-WOVEN TEXTILE 10' (MIN.) HOSE CLAMP - PUMP DISCHARGE FILTER BAG HOSE GROUND SURFACE -— FILTER FABRIC **CROSS-SECTION**

NOTES

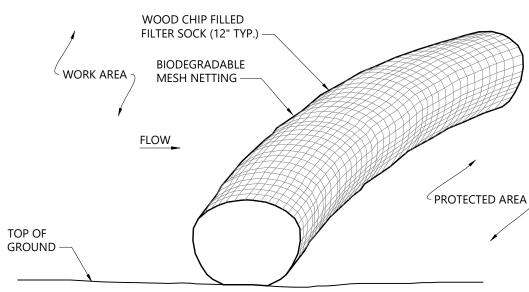
1. BAG TO BE USED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

Dewatering Filter Bag		1/16
N.T.S.	Source: VHB	LD_69°



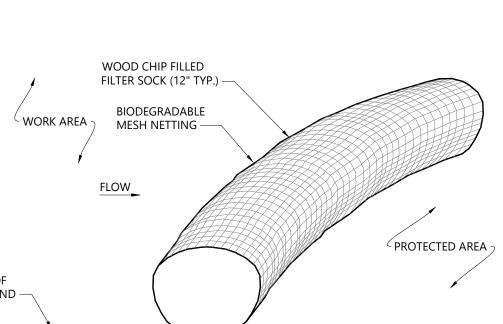
- 1. WOVEN WIRE FENCE REINFORCEMENT IS REQUIRED WITHIN 50 FT UPSLOPE OF RECEIVING WATERS.
- 2. WHERE REQUIRED FENCE SHALL BE WOVEN WIRE, MIN. 14 GAUGE WITH A 6" MESH OPENING SHALL BE
- 3. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUIVALENT.
- 4. POST SPACING FOR WIRE BACKED FENCE SHALL BE 10 FT. MAX. FOR FILTER CLOTH FENCE WHEN ELONGATION IS >50%, POST SPACING SHALL NOT EXCEED 4 FT. FOR FILTER CLOTH FENCE WHEN ELONGATION IS <50%, POST SPACING SHALL NOT EXCEED 6 FT.
- 5. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY 6 INCHES
- 6. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE OR APPROVED EQUIVALENT.
- 7. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN SEDIMENT REACHES HALF OF FABRIC HEIGHT.
- 8. SILT FENCE SHALL NOT BE USED TO DEMARCATE LIMITS OF DISTURBANCE.
- 9. AREA DRAINING TO SILT FENCE SHALL NOT EXCEED $\frac{1}{4}$ ACRE PER 100 LF

Silt Fence/ Reinforced Silt Fence Barrier		08/16
I.T.S.	Source: VHB	LD_650-VT



- 1. FILTER SOCK SHALL BE FILTREXX SILTSOXX, OR APPROVED EQUAL.
- 2. FILTER SOCK SHALL BE ANCHORED WITH GRAVEL BAGS.
- 3. FILTER SOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY
- 4. IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OF OFFSITE.

Siltsock - Erosion Control Barrier			1/16
N.T.S.	Source: VHB	REV	LD_658



Proposed Addition

323 Greencastle, LLC 323 College Street **Burlington, Vermont**

101 Walnut Street

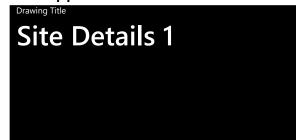
Watertown, MA 02471

PO Box 9151

617.924.1770

Issued for Date	Review	July 14, 2020
Schighted by Chickeed by	Issued for	Date
Designed by Checked by	Designed by	Checked by

Not Approved for Construction



57970.00

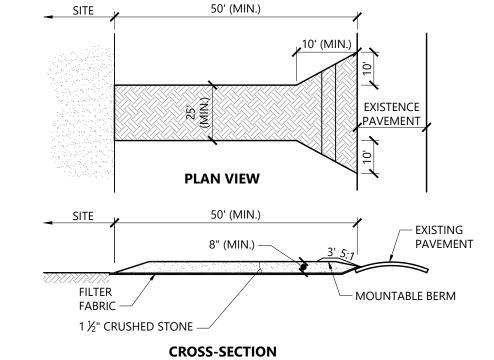
TEMPORARY SEEDING

- 1. AREA TO BE SEEDED MUST BE ROUGH GRADED AND SLOPES PHYSICALLY STABLE.
- 2. SEEDING METHOD TO RESULT IN GOOD SOIL TO SEED CONTACT.
- 3. AFTER SEEDING, MULCH THE AREA WITH HAY OR STRAW AT 2 TONS/AC (APPROX 90 LBS/1,000 SF OR 2 BALES/1,000 SF); SEE MULCH DETAIL AND SPECIFICATIONS.
- 4. MULCH ANCHORING MAY BE NEEDED WHERE WIND OR AREAS OF CONCENTRATED WATER ARE POSSIBLE.
- 5. WOOD FIBER HYDROMULCH OR OTHER SPRAYABLE PRODUCTS APPROVED FOR EROSION CONTROL MAY BE USED IF APPLIED ACCORDING TO MANUFACTURERS' SPECIFICATIONS.

PERMANENT SEEDING

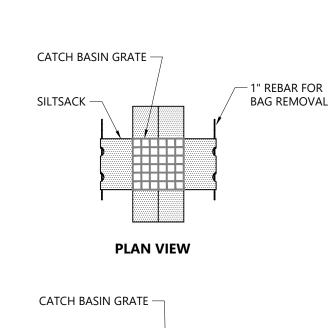
- 1. AREA TO BE SEEDED MUST BE ROUGH GRADED AND SLOPES PHYSICALLY STABLE; CHISELING OR DISKING MAY BE NEEDED IF SOIL IS COMPACTED.
- 2. SEEDING METHOD TO RESULT IN GOOD SOIL TO SEED CONTACT.
- 3. PERMANENT SEEDING TO OCCUR PRIOR TO SEPTEMBER 15TH UNLESS WEATHER PERMITS SEEDING BEYOND SEPTEMBER 15TH.
- 4. AFTER SEEDING, MULCH THE AREA WITH HAY OR STRAW AT 2 TONS/AC (APPROX 90 LBS/1,000 SF OR 2 BALES/1,000 SF); SEE MULCH DETAIL AND SPECIFICATIONS.
- 5. MULCH ANCHORING MAY BE NEEDED WHERE WIND OR AREAS OF CONCENTRATED WATER ARE POSSIBLE.
- 6. WOOD FIBER HYDROMULCH OR OTHER SPRAYABLE PRODUCTS APPROVED FOR EROSION CONTROL MAY BE USED IF APPLIED ACCORDING TO MANUFACTURERS' SPECIFICATIONS.
- 7. IRRIGATION MAY BE NEEDED TO FACILITATE GRASS GROWTH AND ESTABLISH ADEQUATE GRASS COVER.

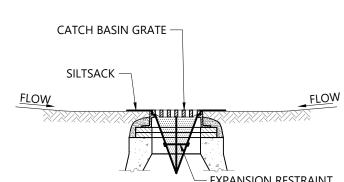
Seeding Notes and Specifications		08/1
N.T.S.	Source: VHB	LD V



- 1. AGGREGATE SIZE: USE A MIX OF 1 TO 4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- 2. LENGTH: NOT LESS THAN 50 FEET (EXCEPT ON SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH APPLIES)
- 3. THICKNESS: NOT LESS THAN EIGHT (8) INCHES
- 4. WIDTH: TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT MINIMUM IF THERE IS ONLY ONE ACCESS
- 5. GEOTEXTILE MUST BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE
- 6. ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION EXITS SHALL BE PIPED BENEATH THE EXIT. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE
- 7. THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- 8. WHEN WASHING IS REQUIRED IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED ACCORDING TO PERMIT

Stabilized Construction Exit		1/16	
N.T.S.	Source: VHB	REV	LD_682-VT





SECTION VIEW

- 1. INSTALL SILTSACK IN ALL CATCH BASINS WHERE INDICATED ON THE PLAN BEFORE COMMENCING WORK OR IN PAVED AREAS AFTER BINDER COURSE IS PLACED AND STRAW BALES HAVE BEEN REMOVED.
- 2. GRATE TO BE PLACED OVER SILTSACK.
- 3. SILTSACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED. MAINTAIN UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED

iltsack Sediment Trap			1/16	
T.S.	Source: VHB	REV	LD_674	